	of the state of th			·	, , , , , , , , , , , , , , , , , , , ,		KlissikqyA	າດເປ	locket Min	14 years
	DATENT	ABBLICAT	ON SEE D	FTERMINAT	ION REC	BD	· · ·	()		yoer -
A	CPA			ER 1,2000	110	B	09/1	<u> </u>	54/	3
্ত			AS FILED		TENTILL		OTHER	THAN		
-	Apple to the second second	MANAGEMENT OF THE PARTY OF THE	(Column 1)	The state of the s	umn 2)	TYP		OR	SMALL	ENTITY
F	OR 	NUM	BER FILED	NUMBER	EXIHA	RATE	FEE	4	RATE	FEE
B/	USIC FEE					355.0	OR		710.α	
το	OTAL CLAIMS	4	7 minus	20= * 2	7	X\$ 9	=	OR	X\$18=	486
	DEPENDENT C		<u></u> .	3= * //	<u></u>	X40=	=	OR	X80=	800
M	JUTPLE DEPE	VDENT CLAIM	PRESENT			+135	_	OR	+270=	
* [[the difference	in column 1 l	s less than z	ero; enter "0" in	column 2	TOTA	_	OR	L	1996
		LAIMS AS	AMENDE	D - PARTII			1 		OTHER	THAN
	•	(Column 1)	Latti met grav tee	(Column 2)_	(Column 3)	SMAL	LENTITY	OR	SMALL	
MTA		CLAIMS REMAINING AFTER		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	##	E	X\$ 8=		OR	X\$18=	
EN	Independent	*	Minus	***	E	X40=		OR	X20=	
A		NTATION OF I	AULTIPLE DE	PENDENTCLAIM			_	Un	·	
						+135=		OR	+270=	
						ADDIT. FE		OR	TOTAL ADDIT, FEE	
		(Column 1)		(Column 2)	(Column 3)		•	-	r	•
MENTB		CLAIMS REMAINING AFTER AMENOMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	*	Minus	4.t	E	X\$ 9=		OR	X\$18=	
AMEND	Independent	*	Minus	s	E	X 40=		OR	X 80=	
8	FIRST PRESE	NTATION OF L	NULTIPLE DE	PENDENT CLAIM			-		- 2-70	
						+13 5=		OR	4270=	
				•		TOTA FI TIQUA		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)	•				
STC		CLAIMS REMAINING AFTER AMENOMENT		HICHEST NUMBER PREVIOUSLY FAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ASDI: TIONA
	Total	*	Minus	de "	E	X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	t .	Minus	444	E	X40=			X80=	
A		MINION OF W	NUTTIPLE DE	ENDEHL CYNW			-	ĢR		
	_					+135=	-	OR	+270=	The state of the s
•	Kithe Tilghest Nur	mber Previously	PART FOR IN THE	gm 2, with "0" in oo 8 FAOE lefess the 19 FAOE is less the 1 indopondant is the	ri 20, prilor 20.		E	•	TOTAL ADDIT. FEE Jumn 1.	L. w

		Effectiv	. Jiman	-, 1998	Fil	E	D,	JE 1:	المراجعين ا	<u>. </u>			
y en		Colum		RT (nn 2)			ALL EN		OR	O.	THER T	HAN
FOR		NUMBER F	TLED	NUMBER E	XTRA		RAT	E	FEE		RA'	TE	FEE
BASIC FEE								3	80·cc	OR			760.00
TOTAL CLAIM	S	// minus 20 = " //			·]	x\$ 9	7=	1	OR	X/2	7= 1	486
INDEPENDEN	IT CLAIMS	13	minus	3= 1 / (3)			×3!	7=		OR	x	18'	187
MULTIPLE DE	PENDENT	CLAIM PRESE	чт			F	+13			OR	_	0=	<u>, , , , , , , , , , , , , , , , , , , </u>
* If the differen	ce in column	1 is less than zero	, eater °° in c	ookumn 2		<u>_</u>	TO	ΓAL ·		OR	TO	TAL	195
			ġ*		(Column 3)		S 1	MALL E	NTITY	OR		OTHER MALL	THAN
	أخروا اليجافيين	CLAIMS .		(Column 2) HIGHEST		ĪΓ							
5	· RE	REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		R/		ADDI- NONAL FEE		R	ATE	ADDI- TIONA FEE
AMENDMENT Total Indeposit	*		Minus	**	E		x	9=		QR	×	18 =	
Undepo	endent *		Minus	•••	E '		×	5f= ·		OR	1	<i>18=</i>	
FIRS	T PRESE	NTATION OF I	MULTIPLE	DEPENDENT CLAIM			+/	30=		OF		2/1)=	
								TOTAL T. FEE	·	OR ADI		TOTAL DOTT. FEE	
	<u> </u>	(Column 1)		.(Column 2)	(Column 3)	٦ ٔ				_ 			
F.		CLAIMS REMAINING AFTER MENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT		١	RATE	ADDI- TIONAL FEE	-		RATE	TION FE
DMENT			Minus	ès :	=		×	\$9=		$\mathbb{7}$ \circ	R	c/8=	
AMEND	pendent	• •	Minus	***	= ~ ;]	-	x39=		abla	OR .	x:78=	
FIR	ST PRES	ENTATION OF	MULTIPL	E DEPENDENT	CLAIM		1	+/30=		\neg	OR	+260:	=
		(Column 1)		(Column 2)	(Column	3)		TOTAL OIT: FE			OR A	TOT DDIT. FI	
TN.		CLAIMS REMAINING AFTER AMENDMEN		HIGHEST NUMBER PREVIOUSL PAID FOR				RATE	ADD TION FEE	AL		RATE	AI TIC F
AMENDMENT	tal	•	Minus	**	=	• •		x\$9 •	= .		OR.	x\$/8	2=
IN IN	dependent	•	Minus	***	æ		1:1	x39=			OR	×78	
				LE DEPENDENT				+180			OR	0	2=
or Kithe	entry in colo "Highest No "Highest No	umn 1 is less tha umber Previously umber Previously	n the entry in Paid For IN Paid For IN	column 2, write "0" THIS SPACE is less THIS SPACE is less tal or independent) i	in column 8. s than 20, enter s than 8, enter	20.°	· Cur	TOT F. TIOOA	EEL	box in		ADDIT.	""

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	PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997 Application or Docket Number (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)													
	CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL TYPE	ENTITY	OR	OTHER SMALL		
FOR		V	NUMBER FILED			NUMBER EXTRA			RATE	FEE		RATE	FEE	
BASIC) FEE		144 (395.00	OR		790.00	
TOTA	L CLAIMS		3	minus	20 =	* /			x\$11=		OR	x\$22=		
	PENDENT CLA		/	minu	s 3 =	<u> </u>			x41=		OR	x82=		
MULT	IPLE DEPEND	ENT CLAI	IM PRES	SENT					+135=		OR	+270=		
* में क	e difference in co	lumn 1 is le	ess than z	ero, enter "0" ir	column	n 2		•	TOTAL		OR	TOTAL	190	
		CLAIM (Colum		MENDED		RT II olumn 2)	(Column 3)	_	SMAL	L ENTITY	OR		R THAN . ENTITY	
ENT A		CLAII REMAII AFTE AMEND	NING ER)	NI PRE	GHEST JMBER VIOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
MON	Total	* /	3	Minus	**	20	=		x\$11=		OR	x\$22=		
AMENDMENT	Independent	* /	/ Minus ***				=	-	x41=		OR	x82=		
٧	FIRST PRES	SENTATI	TION OF MULTIPLE DEPENDENT CLAIM			AIM .	+135=			OR	+270=			
	Λ	(Colum	nn 1)	`	(C	olumn 2)	(Column 3)	A	TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE		
ent B		CLAI REMAI AFTI AMEND	NING ER		NI PRE	GHEST UMBER VIOUSLY LID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
MQ	Total	â		Minus	**/	30	= /		x\$11=		OR	x\$22= _C	22	
AMENDMEN	Independent	* 7	· ′	Minus	***	2	= 2		x41=		OR	x82=	1640	
▼	FIRST PRE	SENTATI	ON OF	MULTIPLE	DEPE	NDENT CL	AiM]	+135≍	ta	9F/	+270=	,	
		(Colun	nn 1)		(Q	olumn 2)	(Column 3)	Δ	TOTAL DDIT FEE		OR	TOTAL ADDIT. FEE	186	
ENT C		CLAI REMAI AFT AMEND	INING ER		NI PRE	GHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
₩Q.	Total	* 2	2	Minus	**	20	= 2		x\$11=		OR	x\$22=	36	
AMENDMENT	Independent	*	5	Minus	***	3	= 2		x41=		OR	782=	15%	
	FIRST PRE								+135=		OR	+270=		
***!	the entry in colu the "Highest Nu the "Highest Nu ne "Highest Num	mber Previ	iously Pa	id For" IN THI: id For" IN THI:	S SPAC S SPAC	E is less than E is less than	20. enter "20."		TOTA ADDIT. FEI in the app		OR column	TOTAL ADDIT. FEE 1.		

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

Application or Docket Number

09-135413

		CLAIMS	(Column 1)		TYPE		OR	SMALL		ı		
FC	PR	NUM	BER FILED	NUMBER	mn 2) EXTRA	ſ	RATE	FEE	l	RATE	FEE	ì
ВА	SIC FEE							380.00	OÀ		760.00	•
ŤΟ	\AL CLAIMS	7	minus 2	9€ *			X\$ 9=		OF	X\$18=		ı
IND	EPENDENT CL	AIMS /	minus	3 = *		1	X39=		o _R	X78=		1
MU	LTIPLE DEPEN	DENT CLAIM	PRESENT		+130=		ΦR	+260=				
* If	the difference	in column 1	is less than ze	ro, enter "0" in o	column 2	L	TOTAL		OR	TOTAL		į
	Agi		AMENDED		SMALL I	ENTITY	OR	OTHER SMALL				
INT		(Column 1 CLAIMS REMAINING AFTER AMENDMEN	G	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
MENDMENT	Total	· 35	Minus	* 35	=		X\$ 9=		OR	X\$18=]
AME	Independent	* 7	Minus	*** 7	=		X39=		OR	X78 €		İ
	FIRST PRESE	NTATION OF	MULTIPLE DEP	ENDENT CLAIM	<u> </u>		+130=		OR	+260=		
1						L	TOTAL ADDIT: FEE		OR	TØTAL ADDIT. FEE		
		(Column 1	()	(Column 2)	(Column 3)	_						
AMENDMENT (T)		CLAIMS REMAINING AFTER AMENDMEN	G	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
₩ Q	Total	* 47	Minus	** <i>3</i> 5	= 12		X\$ 9=		OR	X\$18=	216	
MEN	Independent	· 13	Minus	*** 7	= 6		X39=		OR	X78=	468	
_	<u> </u>		MULTIPLE DEF	PENDENT CLAIM	1	!	+130=		OR	+260=		
	6	8400 fee	_		18 48 36 468	L	TOTAL			TOTAL ADDIT. FEE	684	١,
	<u>~</u>	54 or doct			Carried Co.		ADDIT. FEE	<u> </u>	JOH	ADDIT. FEE	001	ľ
Į.		(Column CLAIMS) REMAINING AFTER AMENDMEN	G	(Column 2) ** HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
AMENDMENT	Total	*	Minus	**	=		X\$ 9=		OR	X\$18=		
MEN	Independent	*	Minus	***	=	 	X39=		OR	X78=		
1	FIRST PRESE	NTATION OF	MULTIPLE DEF	PENDENT CLAIN	1	!	+130=		OR	+260=		
<u> </u> :	If the entry in colu	mn 1 is less the	an the entry in colu	mn 2, write "0" in o S SPACE is tess th	olumn 3. an 20, enter "20	. i.	TOTAL		OR	TOTAL		1
-	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999

eplication or Docket Number

09/1354/3

CLAIMS AS FILED - PART I													
L				Column 1)	' ^		umn 2)			ENTITY		OTHE	R THAN
Ľ	OR		NUMB	ER FILED		NUMBER		7 1	TYPE RATE		OR	SMALL	ENTITY
BASIC FEE								1	MATE	FEE	-	RATE	FEE
TOTAL CLAIMS minus 20= •									·	3,45.00	OR		
IN	DEPENDENT	CI AIMS						4. 1	X\$ 9=		OR	X\$18=	
MULTIPLE DEPENDENT CLAIM PRESENT									X:40=		OR	×86=	
-	• If the difference in column 1 is less than zero, enter "0" in column 2								+130=		OR	+260=	
•							column 2	L	TOTAL	 	OR		
		CLAIM	S AS A	MENDE	D - P	ART II	•			<u> </u>			
A	T	CL	IMN 1) AIMS			olumn 2) IIGHEST	(Column 3)	1 F	SMALL	ENTITY	OR	OTHER SMALL	THAN ENTITY
AMENDMENT /		AF	AINING TER DMENT		PR	NUMBER EVIOUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL		RATE	ADDI- TIONAL
ğ	Totai	.4	1	Minus	1	AID FOR		┞┟		FEE	4.		FEE
	Independent	1. 1	ケー	Minus		1/2			X\$ 9=		OR	X\$18=	
⋖ —	FIRST PRES	N OF MI	ULTIPLE DEPENDENT CLAIM			1		x.40=		OR	X 8 ₩=		
									+130=		OR	+260=)
								A	TOTAL DDIT. FEE		OR ,	TOTAL ADDIT, FEE	
	<u> </u>	(Colu	mn 1)			olumn 2)	(Column 3)				• ′	10011. FEE	
8 E	, :	REMA	INIHG:	-	N	IGHEST UMBER	PRESENT	Γ		ADQi-			ADDI-
MEN		AMEN	TER DMENT		PRE P/	EVIOUSLY AID FOR	EXTRA	-	RATE	TIONAL FEE		RATE	TIONAL
AMENDMEN	Total	<u> • </u>		Minus	••		=		X\$ 9=	TEE		X\$18=	<u>FEE</u>
AM	Independent	<u> </u>		Minus	***		=	F			OR		
	FIRST PRESE	NTATION	OF MU	LTIPLE DE	PENDE	NT CLAIM		-	x.40=		OR	XXV	
			•				· .	L	+130=		OR	+260=	
								AD	TOTAL DIT. FEE		OR A	TOTAL DDIT. FEE	
. 1		(Colur				lumn 2)	(Column 3)				•		
		REMAI AFT AMEND	NING ER		NI PRE	GHEST JMBER VIOUSLY JD FOR	PRESENT EXTRA		RATE	ADDI- TIONAL	ſ	RATE	ADDI- TIONAL
	Total	•		Minus	**	ID TOIL		┝		_FEE_	┟		FEE
	Independent • Minus						-		X\$ 9=		OR	X\$18=	
7	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM								X:9b=		OR	X86/2	
. 11	the entry in colur	nn 1 is los	. 1baa 1ba				ımn 3		130=		OR	+260=	
11	the "Highest Nur	Thor Dear	ously Fak	FOI IN THIS	SPAC	E is less than	20, enter "20."	AD	TOTAL DIT. FEE	·	OR AI	TOTAL DDIT. FEE	
	he "Highest Num	~oi ⊾i6NO	usiy Paid	ror (Total or	Indepe	ndent) is the I	highest number	found	in the app	ropriate box	in colur	mn 1.	

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000

Application of Docker Number 09/135 413

	CLAIMS	AS FILE) - DADT					<u> </u>	//	<u> </u>	2
TOTAL CLAIR		(Colu			olumn 2)		SMALL TYPE	ENTITY	OR	OTHE SMALL	R THA ENTI
			4'	1226	ALK HAS		RATE	FEE	7	RATE	FE
FOR			R FILED	NUMBER EXTRA			BASIC FI	355.00	OR	BASIC FEE	
	SEABLE CLAIMS		ninus 20=	·		I I	X\$ 9=		OR	X\$18=	1
INDEPENDENT		·	minus 3 =				X40=	1	OR	- V00	
MULTIPLE DEF	PENDENT CLAIM	PRESENT	-:		. 🗆		+135=		7		
	ce in column 1 i				column 2	L	TOTAL	-	OR OR	+270= TOTAL	
	CLAIMS AS	AMENDE	D - PART	TII	•			<u> </u>	70		
126-160-160-17	(Column 1)	Parameter in the	(Colum	nn 2)	(Column 3)	<u>,</u> :	SMALL	ENTITY	OR	OTHER SMALL	THAN ENTIT
Total Independent	REMAINING AFTER AMENDMENT	 	HIGHE NUMB PREVIO PAID F	BER USLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADD TION FEE
Total Independent	17/2	Minus Minus		X\$ 9=		OR	X\$18=	-			
FIRST PRES	SENTATION OF M	1 .	PENDENT	CLAIM	= .		X40=		OR	X80=	
		٠.	, ,			,	+135=		OR	+270=	
				•		L	TOTAL		OR .	TOTAL	
	(Column 1)		(Colum	n 21 .	(Column 3)	AD	DIT. FEE	Ĺ	JOH ,	ADDIT. FEE	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMBE PREVIOL PAID FO	ST ER JSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI TIONA FEE
Total Independent	<u> • </u>	Minus	••		=	,	(\$ 9=		OR	X\$18=	
Independent	AITATION OF LA	Minus	444		=	 	 (40=			X80=	
TRIOTTICS	ENTATION OF MI	JUIPLE DEI	PENDENT C	MIAJ			405		OR		
							135= TOTAL		OR	+270=	
	(Column 1)		(Column	. 01	(Cala de	ADC	IT. FEE.		OR A	DOIT. FEEL	···
•	CLAIMS REMAINING AFTER AMENDMENT		(Column HIGHES NUMBE PREVIOUS PAID FO	ST R SLY	PRÉSENT EXTRA	R	ATE	ADDI- TIONAL FEE	ſ	RATE	ADD TION
Total	•	Minus	••		= .	· x	\$ 9=			X\$18=	<u>FEE</u>
Independent	•	Minus	444		=			·	OR		
THESE PRESE	NTATION OF MU	ILTIPLE DEF	ENDENT C	LAIM		_^	40≈		OR _	X80=	
If the entry in colu	mn 1 is less than th	8 entry in colu	mn 2. write m	in col-	omo 3	+1	135=		OR	+270=	
'If the Highest Nu	mber Previously Pa	id for in this	SPACE is le	ss than	20, enter "20."	ADD	TOTAL IT. FEE		OR A	TOTAL DDIT. FEE	
	ber Previously Paid					found in	The sec			ma 1	